

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10785230
Filing Date	2004-02-26
First Named Inventor	Tadamitsu Kishimoto
Art Unit	1642
Examiner Name	Laura B. Goddard
Attorney Docket Number	046124-5042-01

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> <sup>i</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	0666868	EP	B2	1995-08-16	Genentech, Inc.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
--------------------	---------	---	----------------

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b>( Not for submission under 37 CFR 1.99)</b>		Application Number	10785230
		Filing Date	2004-02-26
		First Named Inventor	Tadamitsu Kishimoto
		Art Unit	1642
		Examiner Name	Laura B. Goddard
		Attorney Docket Number	046124-5042-01

	1	Alutti et al. (1997), The chemokine SDF-1 is a chemoattractant for human CD34+ hematopoietic progenitor cells and provides a new mechanism to explain the mobilization of CD34+ progenitors to peripheral blood, <i>J. Exp Med.</i> 185:111-20.	<input type="checkbox"/>
	2	Amara et al. (1997), HIV coreceptor downregulation as antiviral principle: SDF-1 alpha-dependent internalization of the chemokine receptor CXCR4 contributes to inhibition of HIV replication, <i>J. Exp Med.</i> 186:139-46.	<input type="checkbox"/>
	3	Asahara et al. (1997), Isolation of putative progenitor endothelial cells for angiogenesis, <i>Science</i> 275:964-7.	<input type="checkbox"/>
	4	Bouck et al. (1996), How tumors become angiogenic, <i>Adv Cancer Res.</i> 69:135-74.	<input type="checkbox"/>
	5	Carmeliet (1996), Abnormal blood vessel development and lethality in embryos lacking a single VEGF allele, <i>Nature</i> 380:435-9.	<input type="checkbox"/>
	6	Carmeliet P, Jain RK. (2000), Angiogenesis in cancer and other diseases, <i>Nature</i> 407:249-57.	<input type="checkbox"/>
	7	Chen et al. (2003), Down-regulation of CXCR4 by inducible small interfering RNA inhibits breast cancer cell invasion in Vitro, <i>Cancer Res.</i> 63:4801-4	<input type="checkbox"/>
	8	Ferrara et al. (1996), Heterozygous embryonic lethality induced by targeted inactivation of the VEGF gene, <i>Nature</i> 380: 439-42.	<input type="checkbox"/>
	9	Folkman, J. (1971), Tumor angiogenesis: Therapeutic Implications. <i>New Engl. J. Med.</i> 285:1182-6.	<input type="checkbox"/>
	10	Folkman, J. (1990), What is the evidence that tumors are angiogenesis dependent? <i>J. Natl Cancer Inst.</i> 82:4-6.	<input type="checkbox"/>
	11	Haeberlin et al. (1993), In vitro evaluation of dexamethasone-beta-D-glucuronide for colon-specific drug delivery, <i>Pharm Res.</i> 10:1553-62.	<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>( Not for submission under 37 CFR 1.99)</i>	Application Number	10785230
	Filing Date	2004-02-26
	First Named Inventor	Tadamitsu Kishimoto
	Art Unit	1642
	Examiner Name	Laura B. Goddard
	Attorney Docket Number	046124-5042-01

	12	Leon, L. (2005), Invited review: The use of gene knockout mice in thermoregulation studies, <i>J. Thermal Biol.</i> 30:273-88.	<input type="checkbox"/>
	13	Ma et al. (1998), Impaired B-lymphopoiesis, myelopoiesis, and derailed cerebellar neuron migration in CXCR4- and SDF-1-deficient mice, <i>Proc Natl Acad Sci USA</i> 95:9448-53.	<input type="checkbox"/>
	14	Müller, U. (1999), Ten years of gene targeting: targeted mouse mutants, from vector design to phenotype analysis. <i>Mechanism of Development</i> 82:3-21.	<input type="checkbox"/>
	15	Shalaby et al. (1995), Failure of blood-island formation and vasculogenesis in Flk-1-deficient mice, <i>Nature</i> 376: 62-6.	<input type="checkbox"/>
	16	Smith et al. (2004), CXCR4 regulates growth of both primary and metastatic breast cancer, <i>Cancer Res.</i> 64: 8604-12.	<input type="checkbox"/>
	17	Spano et al. (2004), Chemokine receptor CXCR4 and early-stage non-small cell lung cancer: pattern of expression and correlation with outcome, <i>Ann Oncol.</i> 15:613-7.	<input type="checkbox"/>
	18	Weis et al. (2008), Compensatory role for Pyk2 during angiogenesis in adult mice lacking endothelial cell FAK, <i>J. Cell Biol.</i> 181:43-50.	<input type="checkbox"/>
	19	Zou et al. (1998), Function of the chemokine receptor CXCR4 in haematopoiesis and in cerebellar development, <i>Nature</i> 393:524-5.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

#### EXAMINER SIGNATURE

Examiner Signature	/Laura B. Goddard/	Date Considered	04/02/2010
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.